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GenCore version 5.1.4_D5_4578

OM nucleic - nucleic search, using sw model

Run on:

March 15, 2003, 12:16:13 ; Search time 35.3242 Seconds
(without alignments)
9688.871 Million cell updates/sec

Title: US-08-978-217-1
Perfect score: 1116
Sequence: ATGGCTGCAACCTGTGAGAT.....TTCTTCCAGACTCGGAACCTGA 1116
Scoring table: IDENTITY_NUC
Gapop 10.0 , Gapext 1.0

Searched:

441362 seqs, 15333881 residues

Total number of hits satisfying chosen parameters: 882724

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries

Database : Issued_Patents_NA:*

1: /cgn2_6/ptodata/1/ina/5A_COMB.seq: *
2: /cgn2_6/ptodata/1/ina/5B_COMB.seq: *
3: /cgn2_6/ptodata/1/ina/6A_COMB.seq: *
4: /cgn2_6/ptodata/1/ina/6B_COMB.seq: *
5: /cgn2_6/ptodata/1/ina/PCMs_COMB.seq: *
6: /cgn2_6/ptodata/1/ina/backtitled.seq: *

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	DB ID	Description
1	1109.6	99.4	1920	1	US-08-746-789A-1
c	173.8	15.6	852	4	Sequence 1, Appli
c	3	173.8	15.6	852	Sequence 44, Appli
c	4	173.8	15.6	852	Sequence 44, Appli
c	5	173.8	15.6	852	Sequence 44, Appli
c	6	173.8	15.6	852	Sequence 44, Appli
c	7	173.8	15.6	852	Sequence 44, Appli
c	8	173.8	15.6	852	Sequence 44, Appli
9	173.8	15.6	5310	3	US-09-009-913-3
10	173.8	15.6	5667	3	US-09-009-913-4
11	162.6	14.6	848	3	US-09-009-913-338
12	101.2	9.1	2280	3	US-09-009-913-8
13	101.2	9.1	228	3	US-09-009-913-6
14	101.2	9.1	2498	3	US-09-009-913-10
15	84.8	7.6	2366	2	US-09-213-767-1
16	78.2	7.0	1905	4	US-09-055-113-2
17	73.4	6.6	2975	2	US-08-368-283-1
18	73.4	6.6	3240	1	US-08-368-283-3
19	66.6	6.0	1752	4	US-09-360-779-1
20	66.6	6.0	152	4	US-09-433-338-1
21	65.6	5.9	2268	3	US-09-344-577-1
22	63.4	5.7	2338	2	US-08-343-431B-3
23	59.8	5.4	2667	2	US-08-465-412A-1
24	59.8	5.4	2667	4	US-09-021-715-1
25	59.4	5.3	2664	3	US-08-875-942B-1
26	59.4	5.3	2664	4	US-09-116-047-3
27	53.6	4.8	1447	4	US-08-878-177-1

ALIGNMENTS

RESULT 1
US-08-746-789A-1
; Sequence 1, Appli
; Patent No. 5789200
; GENERAL INFORMATION:
; APPLICANT: Ismail Kola, Martin J. Tymins, Christine DeBouck ELF3
; TITLE OF INVENTION: A No. 5789200el Human ETS Family Member, ELF3
; NUMBER OF SEQUENCES: 4
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: SmithKline Beecham Corporation
; STREET: 709 Swedeland Road, P.O. Box 1539
; CITY: King of Prussia
; STATE: PA
; COUNTRY: USA
; ZIP: 19406-0939
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM 486
; OPERATING SYSTEM: WINDOWS FOR WORKGROUPS
; SOFTWARE: MICROSOFT WORD
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/08746,789A
; FILING DATE: NO. 5789200ember 15, 1996
; CLASSIFICATION: 514
; PRIORITY APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: William T. Han
; REGISTRATION NUMBER: 34,344
; REFERENCE/DOCKET NUMBER: ATG 50024
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 610 270 5219
; TELEFAX: 610 270 4026
; INFORMATION FOR SEQ ID NO: 1:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 1920
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: No
; US-08-746-789A-1
; Query Match: 99.4%; Score: 1109.6; DB: 1; Length: 1920;
; Best Local Similarity: 99.6%; Pred. No. 2.2e-272; Indels: 0; Gaps: 0;
; Matches: 1112; Conservative: 0; Mismatches: 4;

Q/ 1 ATGGCTGCCAACCTGTGAGATAGCAACATTTTAGCAACTRACTTCAGTGGCATGACAGC 60
D/ 115 ATGGCTGCCAACCTGTGAGATAGCAACATTTTAGCAACTRACTTCAGTGGCATGACAGC 174
Sequence 1, Appli

RESULT 2
US-09-020-956-44/c
Sequence 44, Application US/09020956
Patent No. 6261562
GENERAL INFORMATION:
APPLICANT: Dillin, Davin C.
ADDRESS: SEED and BERRY LLP
STREET: 6300 Columbia Center, 701 Fifth Avenue
CITY: Seattle
STATE: WA
COUNTRY: USA
ZIP: 98104
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent In Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/020,956
FILING DATE: 09-FEB-1998
CLASSIFICATION:
ATTORNEY/AGENT INFORMATION:
NAME: Matl, David J.
REGISTRATION NUMBER: 31,392
REFERENCE/DOCKET NUMBER: 210121.427C2
TELECOMMUNICATION INFORMATION:
TELEPHONE: (206) 622-4900
TELEFAX: (206) 622-6031
INFORMATION FOR SEQ ID NO: 44:
SEQUENCE CHARACTERISTICS:
LENGTH: 852 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: cDNA
ORIGINAL SOURCE:
ORGANISM: Homo sapiens
US -09-020-956-44

Query Match Score 173.8; DB 4; Length 852;
Best Local Similarity 69.7%; Pred. No. 4.2e-35; Indels 0; Gaps 0;
Matches 235; Conservative 0; Mismatches 102;

QY	781	CTCGAGGGAGAAGGAGCCAGCACGCCCTGAGGACCTGTCCGGGCAAGAGSCAACCGCCCCAGGSCA	840
Db	895	CTCGAGGGAGAAGGAGCCAGCACGCCCTGAGGACCTGTCCGGGCAAGAGSCAACCGCCCCAGGSCA	954
QY	841	GACATCTTCTCCACCGGAACTAACGAGGGCTCATGAATGGGAAATGGCATGA	900
Db	955	GACATCTTCTCCACCGGAACTAACGAGGGCTCATGAATGGGAAATGGCATGA	1014
QY	901	GGCGTTCTCAAGTCTCGCTCCGGAGCTGGGCCAACTATGGGCCAAAGAAAAAG	960
Db	1015	GGCGTTCTCAAGTCTCGCTCCGGAGCTGGGCCAACTATGGGCCAAAGAAAAAG	1074
QY	961	AACGCAAAATGACCTACAGAAAGCTGAGCGGGCATGAGGACTACTAACCGGGAG	1020
Db	1075	AACGCAACATGACCTACAGAAAGCTGAGCGGGCATGAGGACTACTAACCGGGAG	1134
QY	1021	ATCTGGAAAGGGTGGATGGCGGCCACTCTCTAGAATGGTGGCAAAGACTAACGGGC	1080
Db	1135	ATCTGGAAAGGGTGGATGGCGGCCACTCTCTAGAATGGTGGCAAAGACTAACGGGC	1194
QY	1081	TGGAGGAGGAGAGGTTCTCGAGACTGGACTGAGTCAGTGGCAAAGACTAACGGGC	1116
Db	1195	TGGAGGAGGAGAGGTTCTCGAGACTGGACTGAGTCAGTGGCAAAGACTAACGGGC	1230

RESULT 3
US-09-030-607-44/c
; Sequence 44, Application US/09030607
; Patent No. 626245
; GENERAL INFORMATION:
; APPLICANT: Xu, Jianchun
; APPINVENT: Dillon, Davin C.
; TITLE OF INVENTION: COMPOUNDS FOR IMMUNOTHERAPY OF PROSTATE CANCER AND METHODS FO
; NUMBER OF SEQUENCES: 224
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: SEED and BERRY LLP
; STREET: 6300 Columbia Center, 701 Fifth Avenue
; CITY: Seattle
; STATE: WA
; COUNTRY: USA
; ZIP: 98104
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/030,607
; FILING DATE: 25-FEB-1998
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: Maki, David J.
; REGISTRATION NUMBER: 31,392
; REFERENCE/DOCKET NUMBER: 210121.427C3
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (206) 622-4900
; TELEFAX: (206) 682-6031
; INFORMATION FOR SEQ ID NO: 44:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 852 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
; ORIGINAL SOURCE:
; ORGANISM: Homo sapiens
; US-09-030-607-44

Query Match 15.6%; Score 173.8; DB 4; Length 852;
Best Local Similarity 69.7%; Pred. No. 4 2e-35;
Matches 235; Conservative 0; Mismatches 102; Indels 0; Gaps 0;

QY 758 TCGACAAAGACTACTGGACTCTGAGGCGCAAGAGACAAAGCGGCCAGAGCA 817
Db 450 TCAAAMAGGAGGAAAGACCCCTGCAAGTGCCACACAAAGCACACCCGAGGGA 391

QY 818 CCACCTGTGGAGTCATCGGACATCCATCACCCTGGAGTCACCGGGCTCA 877
Db 418 CCCACCTGTGGAGTCATCGGACATCCATCACCCTGGAGTCACCGGGCTCA 877

QY 390 CTCACTTATGGAAATTATCGCGAACATCCCTTGAACCCAGAGAACCAGATAA 331

QY 758 TCGACAAAGACTACTGGACTCTGAGGCGCAAGAGACAAAGCGGCCAGAGCA 817
Db 450 TCAAAMAGGAGGAAAGACCCCTGCAAGTGCCACACAAAGCACACCCGAGGGA 391

QY 818 CCACCTGTGGAGTCATCGGACATCCATCACCCTGGAGTCACCGGGCTCA 877
Db 418 CCCACCTGTGGAGTCATCGGACATCCATCACCCTGGAGTCACCGGGCTCA 877

QY 390 CTCACTTATGGAAATTATCGCGAACATCCCTTGAACCCAGAGAACCAGATAA 331

QY 878 TGAAGTGGAGATCGCATGGGCTCAAGTCTCTGGCTCGAGGTGTGGCCC 937
Db 330 TAAATGGAGACCGATCTGGGCCTCTGGGCTCTGGGCTCTGGGCTCTGGC 271

QY 938 AACATGGGCCAAAGAAAGAACAGCACATGAGCTACAGAACGCTGAGCTGGCC 997
Db 270 AGCTATGGGTAAAGAAGAACACAGCAGCATGACCTATGAAAGCTCAGCCGAGCA 211

QY 998 TCGAGTACTATACAACGGGATCTGGAAAGGGTGGATGCCGGGACTCGTCTACA 1057
Db 210 TCGAGTACTATACAACGGGATCTGGAAAGGGTGGATGCCGGGACTCGTCTACA 1057

QY 1058 AGTTGCCAAAGACTCAAGCGGCTGGAGAGA 1094
Db 150 AATTGGAGATGCCGGAGATGGAGAGAAATA 114

RESULT 5
US-09-605-785-44/c
; Sequence 44, Application US/09605785
; Patent No. 6321716
; GENERAL INFORMATION:
; APPLICANT: Xu, Jianchun
; APPINVENT: Dillon, Davin C.
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE THERAPY AND
; NUMBER OF SEQUENCES: 224
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: SEED and BERRY LLP
; STREET: 6300 Columbia Center, 701 Fifth Avenue
; CITY: Seattle
; STATE: WA
; COUNTRY: USA
; ZIP: 98104
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/605,785
; FILING DATE: 2000-06-27
; NUMBER OF SEQ ID NOS: 835
; SOFTWARE: Fast-SEQ for Windows Version 3.0
; SEQ ID NO 44
; LENGTH: 852
; TYPE: DNA
; ORGANISM: Homo sapien
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (1)..(852)
; OTHER INFORMATION: n = A,T,C or G

US-09-605-785-44

Query Match 15.6%; Score 173.8; DB 4; Length 852;
Best Local Similarity 69.7%; Pred. No. 4 2e-35;
Matches 235; Conservative 0; Mismatches 102; Indels 0; Gaps 0;

QY 758 TCGACAAAGACTACTGGACTCTGAGGCGCAAGAGACAAAGCGGCCAGAGCA 817
Db 450 TCAAAMAGGAGGAAAGACCCCTGCAAGTGCCACACAAAGCACACCCGAGGGA 391

QY 818 CCACCTGTGGAGTCATCGGACATCCATCACCCTGGAGTCACCGGGCTCA 877
Db 418 CCCACCTGTGGAGTCATCGGACATCCATCACCCTGGAGTCACCGGGCTCA 877

QY 390 CTCACTTATGGAAATTATCGCGAACATCCCTTGAACCCAGAGAACCAGATAA 331

QY 758 TCGACAAAGACTACTGGACTCTGAGGCGCAAGAGACAAAGCGGCCAGAGCA 817
Db 450 TCAAAMAGGAGGAAAGACCCCTGCAAGTGCCACACAAAGCACACCCGAGGGA 391

QY 818 CCACCTGTGGAGTCATCGGACATCCATCACCCTGGAGTCACCGGGCTCA 877
Db 418 CCCACCTGTGGAGTCATCGGACATCCATCACCCTGGAGTCACCGGGCTCA 877

QY 390 CTCACTTATGGAAATTATCGCGAACATCCCTTGAACCCAGAGAACCAGATAA 331

QY 938 AACATGGGCCAAAGAAAGAACAGCACATGAGCTACAGAACGCTGAGCTGGCC 997
Db 270 AGCTATGGGTAAAGAAGAACACAGCAGCATGACCTATGAAAGCTCAGCCGAGCA 211

QY 998 TCGAGTACTATACAACGGGATCTGGAAAGGGTGGATGCCGGGACTCGTCTACA 1057
Db 210 TCGAGTACTATACAACGGGATCTGGAAAGGGTGGATGCCGGGACTCGTCTACA 1057

QY 1058 AGTTGCCAAAGACTCAAGCGGCTGGAGAGA 1094
Db 150 AATTGGAGATGCCGGAGATGGAGAGAAATA 114

APPLICANT: Dillon, Davin C.
 APPLICANT: Mitcham, Jennifer L.
 APPLICANT: Harlocker, Susan Louise
 APPLICANT: Jiang, Yuqui
 APPLICANT: Reed, Steven G.
 APPLICANT: Kalos, Michael
 APPLICANT: Panger, Gary
 APPLICANT: Rettner, Mark
 APPLICANT: Day, Craig
 TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THERAPY AND
 TITLE OF INVENTION: DIAGNOSIS OF PROSTATE CANCER
 FILE REFERENCE: 210121..427C9
 CURRENT APPLICATION NUMBER: US/09/439,313
 CURRENT FILING DATE: 1999-11-12
 NUMBER OF SEQ ID NOS: 575
 SEQ ID NO: 44
 LENGTH: 852
 TYPE: DNA
 ORGANISM: Homo sapien
 FEATURE:
 NAME/KEY: misc_feature
 LOCATION: (1)..(852)
 ; OTHER INFORMATION: n = A,T,C or G
 ; SEQ ID NO: 44
 ; LENGTH: 852
 ; SEQUENCE: Application US/09232149A
 ; Sequence 44, Application US/09232149A
 ; Patent No. 6395278
 ; GENERAL INFORMATION:
 ; APPLICANT: Dillon, Davin C.
 ; APPLICANT: Mitcham, Jennifer Lynn
 ; TITLE OF INVENTION: COMPOUNDS FOR IMMUNOTHERAPY OF PROSTATE
 ; TITLE OF INVENTION: CANCER AND METHODS FOR THEIR USE
 ; FILE REFERENCE: 210121..427C6
 ; CURRENT APPLICATION NUMBER: US/09/232,149A
 ; CURRENT FILING DATE: 1999-01-15
 ; NUMBER OF SEQ ID NOS: 338
 ; SOFTWARE: FastSEQ for Windows Version 3.0
 ; SEQ ID NO: 44
 LENGTH: 852
 TYPE: DNA
 ORGANISM: Homo sapien
 FEATURE:
 NAME/KEY: misc_feature
 LOCATION: (1)..(852)
 ; OTHER INFORMATION: n = A,T,C or G
 ; SEQ ID NO: 44
 ; LENGTH: 852
 ; SEQUENCE: Application US/09232149A
 ; Sequence 44, Application US/09232149A
 ; Patent No. 6395278
 ; GENERAL INFORMATION:
 ; APPLICANT: Dillon, Davin C.
 ; APPLICANT: Mitcham, Jennifer Lynn
 ; TITLE OF INVENTION: COMPOUNDS FOR IMMUNOTHERAPY OF PROSTATE
 ; TITLE OF INVENTION: CANCER AND METHODS FOR THEIR USE
 ; FILE REFERENCE: 210121..427C6
 ; CURRENT APPLICATION NUMBER: US/09/232,149A
 ; CURRENT FILING DATE: 1999-01-15
 ; NUMBER OF SEQ ID NOS: 338
 ; SOFTWARE: FastSEQ for Windows Version 3.0
 ; SEQ ID NO: 44
 LENGTH: 852
 TYPE: DNA
 ORGANISM: Homo sapien
 FEATURE:
 NAME/KEY: misc_feature
 LOCATION: (1)..(852)
 ; OTHER INFORMATION: n = A,T,C or G
 ; SEQ ID NO: 44
 ; LENGTH: 852
 ; SEQUENCE: Application US/09232149A
 ; Sequence 44, Application US/09232149A
 ; Patent No. 6395278
 ; GENERAL INFORMATION:
 ; APPLICANT: Dillon, Davin C.
 ; APPLICANT: Harlocker, Susan Louise
 ; APPLICANT: Xu, Jinchun
 ; APPLICANT: Jiang, Yuqui
 ; APPLICANT: Mitcham, Jennifer Lynn
 ; TITLE OF INVENTION: COMPOUNDS FOR IMMUNOTHERAPY AND DIAGNOSTICS
 ; TITLE OF INVENTION: OF PROSTATE CANCER AND METHODS FOR THEIR USE
 ; FILE REFERENCE: 210121..427C8
 ; CURRENT APPLICATION NUMBER: US/09/352,616A
 ; CURRENT FILING DATE: 1999-07-13
 ; NUMBER OF SEQ ID NOS: 472
 ; SOFTWARE: FastSEQ for Windows Version 3.0

RESULT 8
US-09-009-913-2
; Sequence 2, Application US/09009913
; Patent No. 6087485
; GENERAL INFORMATION:
APPLICANT: AXYZ Pharmaceuticals, Inc.
TITLE OF INVENTION: Asthma Related Genes
NUMBER OF SEQUENCES: 339
CORRESPONDENCE ADDRESS:
ADDRESSEE: Bozicevic & Reed, LLP
STREET: 285 Hamilton Ave, Suite 200
CITY: Palo Alto
STATE: CA
COUNTRY: USA
ZIP: 94301
COMPUTER READABLE FORM:
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FastSEQ for Windows Version 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/009, 913
FILING DATE: 21-JAN-1998
CLASSIFICATION:
PRIORITY APPLICATION DATA:
APPLICATION NUMBER:
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Sherwood, Pamela J
REGISTRATION NUMBER: 36, 677
REFERENCE/DOCKET NUMBER: SEQ-4P
TELECOMMUNICATION INFORMATION:
TELEPHONE: 650-327-3231
TELEFAX: 650-327-3231
TELEX:
INFORMATION FOR SEQ ID NO: 2:
SEQUENCE CHARACTERISTICS:
LENGTH: 5427 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
TOPOLOGY: linear
MOLECULE TYPE: cDNA
US-09-009-913-2

Query Match 15.6%; Score 173.8; DB 3; Length 5427;
Best Local Similarity 69.7%; Pred. No. 7.4e-35;
Matches 235; Conservative 0; Mismatches 102; Indels 0; Gaps 0;

Qy 758 TGACGAAAGACTACTGGGACTGTCTCGAGGCCAGAAGGCGCAAGCACGGCCAGAGCA 817
Db 709 TGAAAAGGAGGCAAGACCCCCCTGCCAACACCAAAGCACACCCGAGAGGA 768

Qy 818 CCCACCTGTGGGAGTCATCCGGGACATCTCATCCACCCGGACCTCACAGGGCTCA 877

RESULT 9
US-09-009-913-3
; Sequence 3, Application US/09009913
; Patent No. 6087485
; GENERAL INFORMATION:
APPLICANT: AXYZ Pharmaceuticals, Inc.
TITLE OF INVENTION: Asthma Related Genes
NUMBER OF SEQUENCES: 339
CORRESPONDENCE ADDRESS:
ADDRESSEE: Bozicevic & Reed, LLP
STREET: 285 Hamilton Ave, Suite 200
CITY: Palo Alto
STATE: CA
COUNTRY: USA
ZIP: 94301
COMPUTER READABLE FORM:
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FastSEQ for Windows Version 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/009, 913
FILING DATE: 21-JAN-1998
CLASSIFICATION:
PRIORITY APPLICATION DATA:
APPLICATION NUMBER:
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Sherwood, Pamela J
REGISTRATION NUMBER: 36, 677
REFERENCE/DOCKET NUMBER: SEQ-4P
TELECOMMUNICATION INFORMATION:
TELEPHONE: 650-327-3231
TELEFAX: 650-327-3231
TELEX:
INFORMATION FOR SEQ ID NO: 3:
SEQUENCE CHARACTERISTICS:
LENGTH: 5510 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
TOPOLOGY: linear
MOLECULE TYPE: cDNA
US-09-009-913-3

Query Match 15.6%; Score 173.8; DB 3; Length 5510;
Best Local Similarity 69.7%; Pred. No. 7.4e-35;
Matches 235; Conservative 0; Mismatches 102; Indels 0; Gaps 0;

Qy 758 TGACGAAAGACTACTGGGACTGTCTCGAGGCCAGAAGGCGCAAGCACGGCCAGAGCA 817
Db 792 TGAAAAGGAGGCAAGACCCCCCTGCCAACACCAAAGCACACCCGAGAGGA 851

Qy 818 CCCACCTGTGGGAGTCATCCGGGACATCTCATCCACCCGGACCTCACAGGGCTCA 877

RESULT 10
US-09-009-913-4
; Sequence 4, Application US/09009913
; Patent No. 6087485
GENERAL INFORMATION:
APPLICANT: Arys Pharmaceuticals, Inc.
TITLE OF INVENTION: Asthma Related Genes
NUMBER OF SEQUENCES: 319
CORRESPONDENCE ADDRESS:
ADDRESSEE: Bozicevic & Reed, LLP
STREET: 285 Hamilton Ave, Suite 200
CITY: Palo Alto
STATE: CA
COUNTRY: USA
ZIP: 94301
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FastSEQ for Windows Version 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/009,913
FILING DATE: 21-JAN-1998
CLASSIFICATION:
PRIORITY APPLICATION DATA:
APPLICATION NUMBER:
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Sherwood, Pamela J
REGISTRATION NUMBER: 36,677
REFERENCE/DOCKET NUMBER: SEQ-4P
TELECOMMUNICATION INFORMATION:
TELEPHONE: 650-327-3231
TELEFAX: 650-327-3231
TELEX:
INFORMATION FOR SEQ ID NO: 4:
SEQUENCE CHARACTERISTICS:
LENGTH: 5667 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
TOPOLOGY: linear
MOLECULE TYPE: cDNA
US-09-009-913-4

Query Match 15.6%; Score 173.8; DB 3; Length 5667;
Best Local Similarity 69.7%; Pred. No. 7.5e-35;
Matches 235; Conservative 0; Mismatches 102; Indels 0; Gaps 0;
QY 758 TGAGGAAAGTACTGGACTGTCTGAGGCCAGAGCAAGGCCAGAGCA 817
Db 949 TGAAGAAGGAGCAAGCCCTGCAAGTGCACACACAAAGCACACCGAGGGA 1008
QY 818 CCCACTGTTGGAGTCATCGGGACATCCATCACCCGGAGCTCAACGGGCTCA 877

RESULT 11
US-09-009-913-338
; Sequence 338, Application US/09009913
; Patent No. 6087485
GENERAL INFORMATION:
APPLICANT: Arys Pharmaceuticals, Inc.
TITLE OF INVENTION: Asthma Related Genes
NUMBER OF SEQUENCES: 339
CORRESPONDENCE ADDRESS:
ADDRESSEE: Bozicevic & Reed, LLP
STREET: 285 Hamilton Ave, Suite 200
CITY: Palo Alto
STATE: CA
COUNTRY: USA
ZIP: 94301
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FastSEQ for Windows Version 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/009,913
FILING DATE: 21-JAN-1998
CLASSIFICATION:
PRIORITY APPLICATION DATA:
APPLICATION NUMBER:
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Sherwood, Pamela J
REGISTRATION NUMBER: 36,677
REFERENCE/DOCKET NUMBER: SEQ-4P
TELECOMMUNICATION INFORMATION:
TELEPHONE: 650-327-3231
TELEFAX: 650-327-3231
TELEX:
INFORMATION FOR SEQ ID NO: 338:
SEQUENCE CHARACTERISTICS:
LENGTH: 848 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
TOPOLOGY: linear
MOLECULE TYPE: cDNA
FEATURE:
NAME/KEY: Coding Sequence
LOCATION: 1..848
OTHER INFORMATION:
US-09-009-913-338

Query Match 14.6%; Score 162.6; DB 3; Length 848;
Best Local Similarity 72.7%; Pred. No. 2.9e-32;
Matches 210; Conservative 0; Mismatches 79; Indels 0; Gaps 0;
QY 758 TGAGGAAAGTACTGGACTGTCTGAGGCCAGAGCAAGGCCAGAGCA 817

RESULT 12

US-09-009-913-8
Sequence 8, Application US/09009913
; Patent No. 6087485

GENERAL INFORMATION:

APPLICANT: AXXYS Pharmaceuticals, Inc.
TITLE OF INVENTION: Asthma Related Genes
NUMBER OF SEQUENCES: 339

CORRESPONDENCE ADDRESS:

ADDRESSEE: Bozicevic & Reed, LLP
STREET: 285 Hamilton Ave, Suite 200
CITY: Palo Alto
STATE: CA
COUNTRY: USA
ZIP: 94301

COMPUTER READABLE FORM:

MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/09/009,913
FILING DATE: 21-JAN-1998
CLASSIFICATION:
PRIORITY APPLICATION DATA:
APPLICATION NUMBER: 36,677
REFERENCE/DOCKET NUMBER: SEQ-4P

ATTORNEY/AGENT INFORMATION:

NAME: Sherwood, Pamela J
REGISTRATION NUMBER: 36,677
TELECOMMUNICATION INFORMATION:
TELEPHONE: 650-327-3231
TELEX:
INFORMATION FOR SEQ ID NO: 6:
SEQUENCE CHARACTERISTICS:
LENGTH: 2280 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
TOPOLOGY: linear
MOLECULE TYPE: cDNA
US-09-009-913-8

Query Match 9.1%; Score 101.2; DB 3; Length 2280;
Best Local Similarity 61.7%; Pred. No. 1.5e-16;
Matches 179; Conservative 0; Mismatches 108; Indels 3; Gaps 1;

Query 818 CCCACCTGTGGAGTCATCCGGAATCCTCATCCACCGGAGCTCAAC 877
Db 620 CTCACTTATGGAGTCATCCGGAATCCTCATCCACCGGAGCTCAAC 679

Query 878 TGAGCTGGAGATCCGCATGGGGCTTCAGTCTGGCTCGAGGTGTGGCC 937
Db 680 TCAAATGGAGACCCGTCGGAGCTCTGAGTCTGAGTCTGAGAAGCTGTGCTC 739

Query 938 AACATACTGGGCAAAGAACAAAGAACAGCACATGACCTACAGAGAAGCTGAGCC 997
Db 740 AGCTGTGGGAAAGAACAAATACAGTAGCATGAGCTACAGAACGCTAGCCGGCTA 799

Query 998 TGAGCTACTACACAACGGGAGATCTGGAGCTGGGGAGTGCCCG 1046
Db 800 TGAGATATTACACAGAACATCTGGAGCTGGGGAGTGACCG 848

RESULT 13

US-09-009-913-6
Sequence 6, Application US/09009913
Patent No. 6087485

GENERAL INFORMATION:

APPLICANT: AXXYS Pharmaceuticals, Inc.
TITLE OF INVENTION: Asthma Related Genes
NUMBER OF SEQUENCES: 339

CORRESPONDENCE ADDRESS:

ADDRESSEE: Bozicevic & Reed, LLP
STREET: 285 Hamilton Ave, Suite 200
CITY: Palo Alto
STATE: CA
COUNTRY: USA
ZIP: 94301

COMPUTER READABLE FORM:

MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/09/009,913
FILING DATE: 21-JAN-1998
CLASSIFICATION:
PRIORITY APPLICATION DATA:
APPLICATION NUMBER:
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Sherwood, Pamela J
REGISTRATION NUMBER: 36,677
REFERENCE/DOCKET NUMBER: SEQ-4P

TELECOMMUNICATION INFORMATION:

TELEPHONE: 650-327-3231
TELEX:
INFORMATION FOR SEQ ID NO: 6:
SEQUENCE CHARACTERISTICS:
LENGTH: 2428 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
TOPOLOGY: linear
MOLECULE TYPE: cDNA
US-09-009-913-6

Query Match 9.1%; Score 101.2; DB 3; Length 2428;
Best Local Similarity 61.7%; Pred. No. 1.5e-16;
Matches 179; Conservative 0; Mismatches 108; Indels 3; Gaps 1;

Query 808 CCCAGGGACCCACCTGTGGAGTCATCCGGAATCCTCATCCACCGGAGCTCAAC 867
Db 696 CTCAAAGTTCTCATCTATGGAAATGTGAGAGCTGTGCTCTATCTGAGAAC 755

Query 868 GGGGCTCATGAGTGGAGATCGCAGTGAAGGGCTCTAACATCTCGCTCCGAG 927
Db 756 TGTGGATTCTGGAATGGGAATAGGAAAGAGGATTTCGGGTGGTAATCGGA 815

Query 928 GCTGTGCCACTATGGGCCAAGAACAGAACATGACCTACGGAGCT 987
Db 728 AGCAGAGCCCTGAGATACTACTATAAACAGGAATTGGGGGT--TGACCGAAG 784

Query 1048 CTGTCCTACAAGTTGCAAAACTCAAGCGCTGCAAGAGGAGGT 1097
Db 785 TTAGTGTACAAATTGGAATGACACCGGTTGGCAGGAGACAGCT 834

Db 816 GCCCTGGCAAGATGGGGACANAGGAGAAATGACAGATGACGTGAAAGTG 875
 Qy 988 AGCGGGCCATGAGGTACTACTAACAAACGGGATTCCTCGAAGGGTGTGATGCCGCGA 1047
 Db 876 AGCAAGGCCTGACATRACTACTATAAACAGGAATTGGAGCGGT--TGACCGAAGG 932
 Qy 1048 CTCGCTACAAGTTGGCAAACACTAACGGGCTGGAGGAGGAGGT 1097
 Db 933 TTAGTGTACAATTTGAAAAATGACACGGGTGGCAGGAGAACGT 982
 RESULT 14
 US-09-009-913-10
 ; Sequence 10 Application US/09009913
 ; Patent No. 608785
 ; GENERAL INFORMATION:
 ; APPLICANT: Axsys Pharmaceuticals, Inc.
 ; TITLE OF INVENTION: Asthma Related Gene
 ; NUMBER OF SEQUENCES: 339
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: Bozicevic & Reed, LLP
 ; STREET: 285 Hamilton Ave, Suite 200
 ; CITY: Palo Alto
 ; STATE: CA
 ; COUNTRY: USA
 ; ZIP: 94301
 ; COMPUTER READABLE FORM:
 ; MEDIUM TYPE: Diskette
 ; COMPUTER: IBM Compatible
 ; OPERATING SYSTEM: DOS
 ; SOFTWARE: ParSeq for Windows Version 2.0
 ; CURRENT APPLICATION DATA:
 ; APPLICATION NUMBER: US/09/009,913
 ; FILING DATE: 21-JAN-1998
 ; CLASSIFICATION:
 ; PRIORITY APPLICATION DATA:
 ; APPLICATION NUMBER:
 ; FILING DATE:
 ; ATTORNEY/AGENT INFORMATION:
 ; NAME: Shitwood, Pamela J
 ; REGISTRATION NUMBER: 36,677
 ; REFERENCE/DOCKET NUMBER: SEQ-4P
 ; TELECOMMUNICATION INFORMATION:
 ; TELEPHONE: 650-327-3331
 ; TELEFAX: 650-327-3331
 ; TELX:
 ; INFORMATION FOR SEQ ID NO: 10:
 ; SEQUENCE CHARACTERISTICS:
 ; LENGTH: 2498 base pairs
 ; TYPE: nucleic acid
 ; STRANDEDNESS: double
 ; TOPOLOGY: linear
 ; MOLECULE TYPE: cDNA
 ; US-09-009-913-10
 Query Match 9.1%; Score 101.2; DB 3; Length 2498;
 Best Local Similarity 61.7%; Pred. No. 1.5e-16;
 Matches 173; Conservative 0; Mismatches 108; Indels 3; Gaps 1;
 Qy 808 CCCAGGAGGCCAACCTGTTGGAGTCATCCGCGCACACCTCATGCCAACCGGGACCTCAC 867
 Db 765 CTCCAAGTCTCATCTATGGAAATTGTACGAGACTCTGCTCTCATCTGAAAGAAC 824
 Qy 868 GAGGGCCTCATGAAGTGGGAGATCGGCATGAAGGGCTTCAGTTCTGGCTCCGAG 927
 Db 825 TGTGGCATTCGGATGGAGATGGGACACAGAATTTCGGTGTAAATCGAA 884
 Qy 928 GCTGTGGCCAACTATGGGCCAAAGAAAAGACAGAACATGACCTACCGAGAGCTG 987
 Db 885 GGCCTGGCAAGATCTGGGACAAAGGAGAAATGACAGAATGACGATGAGATGAAAGTG 944
 Qy 988 AGCGGGCCATGAGGTACTACTAACAAACGGGCTGGAGGAGGAGGT 1047

RESULT 15
 US-09-213-767-1
 ; Sequence 1 Application US/09213767
 ; Patent No. 5948880
 ; GENERAL INFORMATION:
 ; APPLICANT: Brenda F. Baker
 ; ATTORNEY/AGENT INFORMATION:
 ; TITLE OF INVENTION: ANTISENSE MODULATION OF ELK-1 EXPRESSION
 ; FILE REFERENCE: RTS-0024
 ; CURRENT APPLICATION NUMBER: US/09/213, 767
 ; CURRENT FILING DATE: 1998-12-17
 ; NUMBER OF SEQ ID NOS: 47
 ; SEQ ID NO: 1
 ; LENGTH: 2266
 ; ORGANISM: Homo sapiens
 ; FEATURE:
 ; NAME/KEY: CDS
 ; LOCATION: (316)..(1602)
 ; US-09-213-767-1
 Query Match 7.6%; Score 84.8; DB 2; Length 2266;
 Best Local Similarity 64.0%; Pred. No. 2.1e-12; Matches 128; Conservatve 0; Mismatches 72; Indels 0; Gaps 0;
 Db 372 CAAATGGCCACATCACTCTGGACTTCACGGGATGGTGTGATTCAAGCTGGATG 431
 Qy 864 CAACGAGGGCCTATGAAAGTGGGATGAAGGGCTCTCAAGTCTCGCCTC 923
 Db 432 AGAGGAGGTTGGCCGGCTGTGGGGACTACGCAAGACAGACAACTGAATTAAGACAA 491
 Qy 984 GCTGAGCCGGCATGAGGTAACTACAAAGGGAGATCTTGAAACGGGTGATGGCC 1043
 Db 492 GCTCAGCGGGCTTGCGTACTATGACAGAAATCATCCGCAAGGTGAGCGCCA 551
 Qy 1044 GCGACTCGCTACAAGTTG 1063
 Db 552 GAAGTTCGCTCTAGTTG 571
 Search completed: March 15, 2003, 15:12:50
 Job time : 49.3242 secs